

1448-102

12/28/2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

DEC 28 2007



Office of Pesticide Programs

Buckman Laboratories, Inc.
256 N. McLean Blvd.
Memphis, TN 38108

Attention: Audrey L. Holmes
Regulatory Affairs Specialist

Subject: BUSAN 1071
EPA Registration No. 1448-102
Notification Dated November 30, 2007

This will acknowledge receipt of your notification for the following alternate brand name, submitted under the provisions of FIFRA Section 3(c)(9). Based on a review of the submitted material, the following comments apply.

ADDITIONAL BRAND NAME

"BUSAN DFP"

The Notification dated November 30, 2007 is in compliance with PR Notice 98-10 and is acceptable. This information has been added to your file.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely

A handwritten signature in black ink that appears to read "Martha Terry".

Marshall Swindell
Product Manager (33)
Regulatory Management Branch 1
Antimicrobials Division (7510P)



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number Buckman Laboratories, Inc./1448-102	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Buckman Laboratories, Inc./BUSAN 1071	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of Alternate Trade Name: BUSAN DFP (see attachment).

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes" Unit Packaging wgt. No. per container		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Package wgt. No. per container			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Audrey L. Holmes	Title Reg. Affairs Specialist	Telephone No. (Include Area Code) 901-272-8455
2. Signature 		6. Date Application Received (Stamped)
3. Title Reg. Affairs Specialist		
4. Typed Name Audrey L. Holmes		
5. Date November 30, 2007		



BUSAN DFP

BUSAN is a registered trademark.

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ACTIVE INGREDIENT(S)

2-(Thiocyanomethylthio)benzothiazole.....	2.5%
Methylene bis(thiocyanate).....	2.5%
INERT INGREDIENTS.....	95.0%
(Contains Petroleum Distillates)	
TOTAL.....	100.0%

One gallon of product contains 0.215 lbs of each active ingredient.

KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID	
If in Eyes	- Hold eye open and rinse slowly and gently with water for 15-20 minutes. - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. - Call a poison control center or doctor for further treatment advice.
If on Skin, Clothes	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center or doctor for treatment advice.
If Swallowed	- Call poison control center or doctor immediately for treatment advice. - Have person sip a glass of water, if able to swallow. - Do not induce vomiting unless told to do so by the poison control center or doctor. - Do not give anything by mouth to an unconscious person.
If Inhaled	- Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. - Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. You may also contact 901-278-0330 or 1-800-BUCKMAN for emergency medical treatment information.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage.	

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER:

Corrosive, causes irreversible eye damage and causes skin burns. May be fatal if swallowed or absorbed through skin. Do not get in eyes on skin or on clothing. Do not breathe vapor or spray mist. Wear goggles or face shield, protective clothing and rubber gloves while using this product or carrying treated wet unfinished goods. Wash thoroughly with soap and water after handling and before eating drinking or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS:

This pesticide is toxic to fish. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS:

Do not expose to extreme temperatures.

It is a violation of Federal law to use this product
NOTE TO USER: Do not apply this product in:
SAPSTAIN AND MOLD CONTROL: BUSAN DFP is used on lumber, logs, poles, posts and timbers. It is applied at 5.6 to 44.0 kg of BUSAN DFP/100 L water (12 to 100 lb DFP is thoroughly dispersed. Rates to be used vary by conditions, etc. Under conditions suitable for use, Treatment should be made as quickly as possible.
PAPER MILLS: To control bacterial and fungal growth on white water or stock at 0.4 to 2.0 lb/ton of dry pulp.
COOLING TOWERS: BUSAN DFP is used to control scale is applied by painting a dispersion containing 1.2 to 3.2 lb BUSAN DFP applied should provide 2.4 to 3.2 lb BUSAN DFP per 1000 gal of periodic shock doses of BUSAN DFP to the raw water provide 5.0 lb of BUSAN DFP per 1000 gal of shock treatment should be repeated every four days.
COOLING WATER: BUSAN DFP is used to control scale in systems. Before treatment is begun, the system should be cleaned of slime, and other deposits. The system should be cleaned with 2.4 to 14.8 fl oz BUSAN DFP per 1000 gal water be made every 1 to 5 days, depending on amount of scale.
DRILLING FLUIDS: To inhibit bacterial and fungal growth is incorporated in the drilling fluid at concentration of 0.4 to 2.0 lb/ton.
PETROLEUM SECONDARY RECOVERY: BUSAN DFP is used to control and fungi in oil-field water, polymer, or micellar emulsions at rates of 15.6 to 52.0 fl oz of BUSAN DFP per 1000 gal of water intermittently by means of a metering pump and headers. Continuous Feed Method: When system is water continuously until desired degree of control is achieved, water continuously, or as needed to maintain control, add 15.6 to 52.0 fl oz BUSAN DFP as needed to maintain control.
CRUDE AND REFINED OILS: BUSAN DFP is used to control degradation of crude oil and refined fuel oils, aromatic, paraffinic, and naphthenic oils. It should be added to the storage tank at the rate of 2.4 to 24.0 fl oz per 1000 gal of oil mixing occurs or continuously to the suction side of the fuel tank.
FUEL: To eliminate and/or prevent the growth of bacteria, BUSAN DFP should be added to fuel at a rate of 1.2 to 8.0 lb/1000 gal during fueling in order to ensure adequate treatment levels (see table below). For clean fuel, use 1.2 lb/1000 gal treatment levels (see table below).

Gallons of Fuel

20
40
60
100

BUSAN DFP is NOT for use in Aviation Fuel!

This diesel fuel additive does not comply with newer diesel motor vehicles or model year 1990 and newer.

HIDES AND SKINS: BUSAN DFP is used to control mold and mildew on hides and skins. It should be used at a level of 1.2 to 8.0 lb/1000 gal added directly to the raceway during addition of water. A satisfactory dispersion should be added as a dispersion in water. A satisfactory dispersion should be added to the water (as of 1.2 to 8.0 lb/1000 gal) by adding the BUSAN DFP to the water (as of 1.2 to 8.0 lb/1000 gal) by adding the BUSAN DFP to the water (as of 1.2 to 8.0 lb/1000 gal).
LEATHER: To prevent mold growth on chrome leather operations prior to finishing, BUSAN DFP should be added to the rinse water in a post-tannin operation as described above should be pre- operation or to the rinse water in a post-tannin operation.
COATINGS: BUSAN DFP is used to control mold and mildew on coatings. The exact amount of BUSAN DFP should be added to the total weight of the formulation. The exact amount of other components of the formulation should be determined by the manufacturer.

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

NOTE TO USER: Do not apply this product in a way that will contact workers or other persons.

SAPSTAIN AND MOLD CONTROL: BUSAN DFP is used to control sapstain and mold on freshly cut hardwood and softwood lumber, logs, poles, posts and timbers. It is applied by dipping the wood until complete surface wetting is accomplished. Use 5.6 to 44.0 kg of BUSAN DFP/100 L water (12 to 96 lbs of BUSAN DFP/100 gal water) and agitate vigorously until BUSAN DFP is thoroughly dispersed. Rates to be used will vary according to temperature, humidity, wood moisture, storage conditions, etc. Under conditions suitable for aggressive mold growth, the high rate mentioned above should be used. Treatment should be made as quickly as possible after lumber is cut and always within 24 hours after cutting.

PAPER MILLS: To control bacterial and fungal growth on paper and paperboard machines, BUSAN DFP is added to the white water or stock at 0.4 to 2.0 lb/ton of dry paper or paperboard produced.

COOLING TOWERS: BUSAN DFP is used to protect cooling tower wood against soft or surface rot and internal or dry rot. It is applied by painting a dispersion containing 2.0 to 2.8% BUSAN DFP in water onto the clean wood surfaces. The amount applied should provide 2.4 to 3.2 lb BUSAN DFP per 1000 sq ft of wood surface. Soft or surface rot can also be inhibited by periodic shock doses of BUSAN DFP to the recirculating cooling water at the tower basin or cold well. The dosage should provide 5.0 lb of BUSAN DFP per 1000 gal of water and the bleedoff should be stopped for 4 to 6 hr after treatment. The shock treatment should be repeated every four months.

COOLING WATER: BUSAN DFP is used to control algae, bacteria, and fungi in industrial recirculating cooling water systems. Before treatment is begun, the system should be cleaned thoroughly to remove old algal growth, microbiological slime, and other deposits. The system should then be drained, flushed, refilled with water, and treated with an initial dose of 2.4 to 14.8 fl oz BUSAN DFP per 1000 gal water in the system. Subsequent additions of 0.8 to 4.8 fl oz per 1000 gal should be made every 1 to 5 days, depending on amount of bleedoff and severity of microbiological fouling.

DRILLING FLUIDS: To inhibit bacterial and fungal degradation of the fluids or muds used in the drilling of wells, BUSAN DFP is incorporated in the drilling fluid at concentrations of 0.2 to 1.0% based on the total wet weight of the fluid.

PETROLEUM SECONDARY RECOVERY: BUSAN DFP is used to control sulfate-reducing bacteria, slime-forming bacteria and fungi in oil-field water, polymer, or micellar floods, water-disposal systems, and other oil-field water systems at dosage rates of 15.6 to 52.0 fl oz of BUSAN DFP per 1000 gal of water treated. Additions should be made continuously or intermittently by means of a metering pump at the free water knockouts, before or after injection pumps and injection well headers. Continuous Feed Method: When system is noticeably fouled, add 15.6 to 52.0 fl oz BUSAN DFP per 1000 gal of water continuously until desired degree of control is achieved. Then treat with 15.6 to 52.0 fl oz BUSAN DFP per 1000 gal of water continuously, or as needed to maintain control. Intermittent or Slug Method: When system is noticeably fouled, or to maintain control, add 15.6 to 52.0 fl oz BUSAN DFP per 1000 gal of water for 4 to 8 hr per day and 1 to 4 times per week, or as needed to maintain control.

CRUDE AND REFINED OILS: BUSAN DFP is an oil-soluble preservative for the control of bacteria and fungi that cause the degradation of crude oil and refined fuel oils during storage. Crude and refined oils include, but are not limited to, olefinic, aromatic, paraffinic, and naphthenic oils. It should be added to the oil as it is being transferred from the shipping container to the storage tank at the rate of 2.4 to 24.0 fl oz BUSAN DFP per 1000 gal of oil. Addition should be made batchwise where mixing occurs or continuously to the suction side of the transfer pump.

FUEL: To eliminate and/or prevent the growth of fungi and bacteria in fuel (e.g. gasoline, diesel #1, diesel #2 and bunker C), BUSAN DFP should be added to fuel at a rate of 1.25 to 2.5 fluid ounces per 100 gallons of fuel. Addition should be made during fueling in order to ensure adequate mixing. For contaminated systems, BUSAN DFP should be added at shock treatment levels (see table below). For clean fuel storage systems, BUSAN DFP should be added at maintenance treatment levels (see table below).

Gallons of fuel	Shock treatment	Maintenance treatment
20	0.5 fluid ounces	0.25 fluid ounces
40	1.0 fluid ounces	0.5 fluid ounces
60	1.5 fluid ounces	0.75 fluid ounces
100	2.5 fluid ounces	1.25 fluid ounces

BUSAN DFP is NOT for use in Aviation Fuels.

This diesel fuel additive does not comply with federal ultra-low sulfur content requirements for use in model year 2007 and newer diesel motor vehicles or model year 2011 and newer diesel nonroad equipment engines.

HIDES AND SKINS: BUSAN DFP is used to prevent bacterial decomposition of brine-cured hides and skins. BUSAN DFP should be used at a level of 1.2 to 8.0 lb/1000 lb of green fleshed hides or skins. In raceway operations BUSAN DFP can be added directly to the raceway during addition of hides and operation of paddles. In processor operations BUSAN DFP should be added as a dispersion in water. A satisfactory dispersion of one part BUSAN DFP plus four parts water can be prepared by adding the BUSAN DFP to the water (as opposed to adding water to BUSAN DFP) with agitation.

LEATHER: To prevent mold growth on chrome- or vegetable-tanned hides and skins during tanning or post-tanning operations prior to finishing, BUSAN DFP is used at treatment rates of 2.0 to 10.0 lb/1000 lb of white weight stock. A dispersion as described above should be prepared and added to the pickling solution or the tanning liquor during the tanning operation or to the rinse water in a post-tanning refloat.

COATINGS: BUSAN DFP is used to control fungal growth on coatings. Use levels will vary from 2.0 to 36.0% based on the total weight of the formulation. The exact level will depend on the severity of contamination as well as the nature and amounts of other components of the formulation.

..... 2.5%
 2.5%
 95.0%
 100.0%

DREN

0 minutes.
 Ten continue rinsing eye.
 vice.

advice.

control center or doctor.

give artificial respiration,
 vice.

ing a Poison Control
 contact 901-278-0330
 rmation.

gastric lavage.

ANIMALS

may be fatal if swallowed or
 not breathe vapor or spray
 while using this product or
 water after handling and
 ed clothing before reuse.
 ions in some individuals.
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water, or to areas where
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Storage: Do not contact by storage or PESTICIDE to extreme more than should be areas. Lea should be p disposal. S sawdust or sanitary lan when not in PESTICIDI wastes are resulting fr excess pe rinsate mus at an appro wastes can according t your State Control Ag Waste rep Regional Of CONTAINER (or equivale or recondi dispose oi incinerator local autho stay out of :

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Shock treatment	Maintenance treatment
0.5 fluid ounces	0.25 fluid ounces
1.0 fluid ounces	0.5 fluid ounces
1.5 fluid ounces	0.75 fluid ounces
2.5 fluid ounces	1.25 fluid ounces

on Fuels.

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 exact level will depend on the severity of contamination as well as the nature and
 formulation.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.
PESTICIDE STORAGE: Do not expose to extreme temperatures. Do not stack more than five drums high. Drums should be opened in well-ventilated areas. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.
PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Wastes resulting from the use of the product, excess pesticide, spray mixture, or rinsate must be collected and disposed at an approved disposal facility. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at your EPA Regional Office for guidance.
CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Manufactured by

Buckman Laboratories, Inc.

1256 North McLean Blvd.
Memphis, Tennessee 38108, USA

(901) 278-0330 or 1-800-BUCKMAN

EPA Est. No. 1448-TN-1

EPA Reg. No. 1448-102

Product Weight 8.6 lbs./gal. 1.03 kg.L

Net contents are marked on the container.

HMIS / NPCA Ratings

Health **3** Flammability **2** Reactivity **1**

Last Revision 11/30/2007